

Preliminary Amendment

Applicant: Dennis J. Schloeman et al.

Serial No.: Unknown (Parent Serial No. 10/134,124)

Filed: Herewith (Parent Filing Date April 29, 2002)

Docket No.: 10014406-3

Title: FIRE PULSES IN A FLUID EJECTION DEVICE

IN THE SPECIFICATION

Please insert the following paragraphs at page 1 below the title as follows:

Cross Reference to Related Application(s)

This is a continuation of copending application number 10/134,124, filed on April 29, 2002, which is hereby incorporated by reference herein.

Please replace the paragraph beginning at page 10, line 6, with the following rewritten paragraph:

A common power lead ~~or~~and fire pulse is used within each zone because it is desirable to control the energy supplied to resistor 48 and FET 52 within each primitive 50 in a particular zone for an ink color which is supplied by either ink feed slot 54a or ink feed slot 54b. In one embodiment, certain individual colors such as black may be required to be used at higher drop volumes than other colors, and as such, nozzles for the color black require higher energies to vaporize the ink. The energy can be varied with the power lead or fire pulse by changing either the pulse width of the fire pulse or the peak voltage of the power supply applied to the particular zone. In one embodiment, the temperature of printhead 140 can also be regulated during printing by reducing the pulsewidth of the fire pulse to reduce the energy supplied to the nozzle as printhead 140 warms up.